Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 30 Jun 2023 until 23:59 on Saturday 01 Jul 2023

Forecast Issued on Thursday 29 Jun 2023 at 12:31

Confidence: High confidence for changeable conditions with a mixture of sunshine and showers, and occasional longer spells of rain. Rather windy at times.

Headline for Friday 30 Jun 2023: Cloudy, outbreaks of rain and drizzle spreading from west.

Mountain weather hazards on Friday 30 Jun 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Cloudy	Light rain	Light rain	Heavy Rain	Light rain	Light rain
Precipitation probability							
00%	00%	00%	40%	80%	80%	70%	80%

Forecast for Friday 30 Jun 2023

Weather: Some early brightness but soon turning cloudier from the west, the cloud lowering to shroud summits by the middle part of the day. Outbreaks of rain and drizzle arriving through the morning, and becoming rather persistent, with the odd heavier burst mixed in.

Chance of cloud-free hill tops above 600m: 90% at first, deteriorating to 10% or less through the afternoon and evening.

Low cloud and visibility: Cloud mostly above summits at first with generally good visibility but cloud lowering and thickening on Friday morning. Cloud lowers further through the afternoon and evening, with extensive cloud above 400-500m, especially on west-facing slopes. Visibility reducing to poor to very poor across most summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 30 Jun 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/19 SW	12/17 SW	14/19 SW	17/23 SW	18/26 SW	20/28 SW	19/27 SW	20/29 SW	23/33 W
300	8/14 SW	8/15 SW	11/17 SW	14/21 SW	16/24 SW	15/23 SW	14/21 SW	15/24 SW	16/26 W
Valley	4/13 S	5/14 S	8/17 SW	10/20 SW	12/23 SW	11/22 SW	10/20 SW	10/22 SW	12/25 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	9/6	10/7	11/8	11/8	12/9	12/9	12/9	12/8
300	12/10	11/10	12/10	13/11	14/11	15/12	14/12	14/12	14/12
Valley	11/11	11/11	13/11	14/12	15/13	15/13	15/13	14/13	14/12
Freezing Level*	2000m	2000m	2000m	2400m	3000m	3400m	3500m	3400m	3100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Deteriorating conditions with poor visibility becoming more extensive across the summits as the day progresses, which could make navigation increasing difficult.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 29 Jun 2023	2.4mm	3.2mm	3.4mm

Forecast for Saturday 01 Jul 2023

Weather: Cloud and outbreaks of rain and drizzle clearing away in the early hours to leave a bright start to Saturday, perhaps with an isolated light shower. A mixture of sunny spells and isolated, mainly light showers for the rest of the day. It will be rather windy across the summits.

Maximum wind: Westerly 25-30 mph gust 40 to 45mph.

Chance of cloud-free hill tops above 600m: 50% at first, soon improving to 90% or more.

Low cloud and visibility: Some patchy cloud covering the highest summits at daybreak, but this should soon lift to leave summits generally cloud-free for the remainder of the day.

Temperature: **Valleys:** Plus 11 degrees Celsius rising to Plus 19 degrees Celsius.
At 600m: Plus 12 degrees Celsius.
Freezing level: Above summits.

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